

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Confirmation No.:
Applicant : Malcom Levitt et al.
Entitled : NMR Spectroscopy using Spin States with Long Lifetimes
Filed : HEREWITH
TC/A.U. :
Examiner :

Docket No. : 301-0005US
Customer No. : 29855

Commissioner for Patents
PO BOX 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Please amend the above-identified application as follows:

- I. **Amendments to the Specification** begin on page 2 of this paper.
- II. **Amendments to the Claims** are reflected in the listing of claims, which begins on page 3 of this paper.
- III. **Remarks** begin on page 10 of this paper.
- IV. **Appendix A** includes a clean version of the substitute specification.
- V. **Appendix B** includes a marked-up version of the substitute.